# LOAD RATING SUMMARY SHEET for National Bridge Inventory Structures in South Dakota

**Bridge Data**

| | | | | | |
|---|---|---|---|---|---|
| Region | | Structure Number | - - | Inspection Date | |
| County | | Bridge Name | | Condition | - Insert Condition - |
| Route | | Year Built | | Deck Rating | N Not Applicable |
| Feature Intersected | | Design Load | | Super Rating | N Not Applicable |
| Bridge Type | | Roadway Width | | Sub Rating | N Not Applicable |
| Bridge Length | | Fill Height over Culvert | | Culvert Rating | - Insert Condtiion - |

**Bridge Load Rating Summary**

| | | | |
|---|---|---|---|
| **Dead Load** | | | **LRFR Evaluation Factors:** |
| Wearing Surface Thickness | | | Surface Roughness Rating |
| Wearing Surface Type | | | Condition Factor |
| Non-structural attachments | | | System Factor |
| | ☐ LFR | ☐ ASR (Timber Only) | |
| Rating Method | ☐ LRFR | ☐ Field Evaluation | ADTT (one way) |

**Superstructure/Deck Rating Summary**

| Vehicle Type | GVW (Tons) | Rating Factor | Rating (Tons) | Controlling Member / Load effect | IM | Live Load Distribution factor |
|---|---|---|---|---|---|---|
| - Insert - | N/A | | | | | |
| - Insert - | N/A | | | | | |
| SD Type 3 | 24.0 | | | | | |
| SD Type 3S2 | 40.0 | | | | | |
| SD Type 3-2 | 46.0 | | | | | |
| SU4 | 27.0 | | | | | |
| SU5 | 31.0 | | | | | |
| SU6 | 34.75 | | | | | |
| SU7 | 38.75 | | | | | |
| NRL | 40.0 | | | | | |
| EV2 | 28.75 | | | | | |
| EV3 | 43.0 | | | | | |

**Posting Analysis Summary**

| | |
|---|---|
| Governing Rating Factor | |
| Governing Load Model | |
| BrR Model (Y/N) | |

**Please Check the following boxes that apply:**

- ☐ Load rating is governed by deck
- ☐ Load rating is governed by substructure
- ☐ Connections control the load rating
- ☐ Exterior girder controls the load rating
- ☐ Plans do not exist (enter ratings)

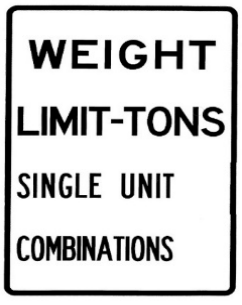
Stamp

**QC/QA**

| | |
|---|---|
| Rated By: | **Remarks/Recommendations** |
| Checked By: | Project Number |
| QA By: | Rating Software ☐ BrR ☐ Others |
| Date Rated | |

Posting Required ☐ : Indicate which signs are needed and give recommended Posting loads

☐ Single units and Combinations




☐ Gross weight


☐ Axle weight


☐ Emergency Vehicle add-on sign


☐ Emergency Vehicle stand-alone sign